

JC841 U.S. PATENT
09/771371

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Andrew V. Kadatch
Application No.

Art Unit:

Filed:

For: QUANTIZATION LOOP WITH HEURISTIC
APPROACH

Examiner:

Date: January 26, 2001

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.97(b)(3)

BOX PATENT APPLICATION
COMMISSIONER FOR PATENTS
Washington, DC 20231

Sir:

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicant respectfully requests that these documents be listed as references cited on the issued patent.

Respectfully submitted,

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By


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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Docket: 3382-55827	App:
		Applicant: Kadatch	
		Filed:	Art Unit:

jc841 U.S. PRO
03/26/01
03/27/971
01/26/01



U.S. PATENT DOCUMENTS

Init.*		Number	Date	Name	Class	Sub	Filed
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		5,742,735	4/21/1998	Eberlein et al.			
		5,579,430	11/26/1996	Grill et al.			
		5,819,215	10/6/1998	Dobson et al.			
		4,051,470	9/27/1977	Esteban et al.			

FOREIGN PATENT DOCUMENTS

		Number	Date	Country	Class	Sub	

OTHER DOCUMENTS

			Baron et al., " <i>Coding the Audio Signal</i> ," <u>Digital Image and Audio Communications</u> , 1996, pp. 101-128.
			Cheung et al., "A Comparison of Scalar Quantization Strategies for Noisy Data Channel Data Transmission," <u>IEEE Transactions on Communications</u> , vol. 43, no. 2/3/4, pp. 738-42 (April 1995).
			Crisafulli et al., "Adaptive Quantization: Solution via Nonadaptive Linear Control," <u>IEEE Transactions on Communications</u> , vol. 41, pp. 741-48 (May 1993).

EXAMINER:	DATE
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*Examiner: Initial if considered, whether or not in conformance with MPEP 60;
draw line through cite if not in conformance and not considered. Send copy.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Docket: 3382-55827	App: PTO
			Applicant: Kadatch	U.S. S. 71371
			Filed:	Art Unit: 09/101/26/01
OTHER DOCUMENTS				
			Dalgic et al., "Characterization of Quality and Traffic for Various Video Encoding Schemes and Various Encoder Control Schemes," Technical Report No. CSL-TR-96-701 (August 1996).	
			Gibson et al., <u>Digital Compression for Multimedia</u> , Chapter 4, "Quantization," pp. 113-138 (1998).	
			Gibson et al., <u>Digital Compression for Multimedia</u> , Chapter 8, "Frequency Domain Speech and Audio Coding Standards," pp. 263-290 (1998).	
			Gibson et al., <u>Digital Compression for Multimedia</u> , Chapter 11.4, "MPEG Audio," pp. 398-402 (1998).	
			ISO/IEC 13818-7, "Information Technology -- Generic Coding of Moving Pictures and Associated Audio Information, Part 7: Advanced Audio Coding (AAC)," pp. i-iv, 1-145, ISO/IEC (1997).	
			ISO/IEC 13818-7, Technical Corrigendum 1, "Information Technology -- Generic Coding of Moving Pictures and Associated Audio Information, Part 7: Advanced Audio Coding (AAC), Technical Corrigendum" pp. 1-22, ISO/IEC (1997).	
			Wu et al., "Entropy-Constrained Scalar Quantization and Minimum Entropy with Error Bound by Discrete Wavelet Transforms in Image Compression," IEEE Transactions on Signal Processing, vol. 48, no. 4, pp. 1133-43 (April 2000).	
			Naveen et al., "Subband Finite State Scalar Quantization," IEEE Transactions on Image Processing, vol. 5, no. 1, pp. 150-155 (January 1996).	
			Ortega et al., "Adaptive Scalar Quantization Without Side Information," IEEE Transactions on Image Processing, vol. 6, no. 5, pp. 665-676 (May 1997).	
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OTHER DOCUMENTS				
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			Sullivan, "Optimal Entropy Constrained Scalar Quantization for Exponential and Laplacian Random Variables," ICASSP '94, pp. V-265 - V-268 (1994).	
			Trushkin, "On the Design on an Optimal Quantizer," IEEE Transactions on Information Theory, vol. 39, no. 4, pp. 1180-94 (July 1993).	
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			Wu et al., "Quantizer Monotonocities and Globally Optimally Scalar Quantizer Design," IEEE Transactions on Information Theory, vol. 39, no. 3, pp. 1049-53 (May 1993).	
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